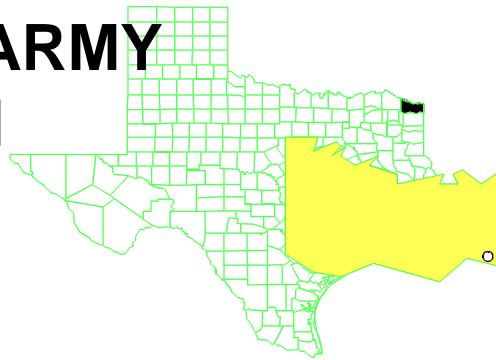


LONE STAR ARMY AMMUNITION PLANT TEXAS

EPA ID# TX7213821831

EPA REGION 6
CONGRESSIONAL DISTRICT 01
Bowie County

Updated: 7/17/97



Site Description

- Location:** The site is located in Bowie County, approximately 12 miles west of Texarkana.
- Population:** ! The site is located in a sparsely populated, rural area.
- Setting:** Old demolition grounds cover approximately 19 acres.
The site was used for disposal of explosives by detonation.
Elevated levels of explosives and heavy metals are found in soils and groundwater.
Heavy metals have been detected in ground water.
Domestic water wells located outside northern and southern boundaries.
- Hydrogeology:** The installation is situated on a ridge, causing drainage to the north and south.
The ground water table is shallow, and drainage is to nearest creek.
The old demolition grounds are 800 feet from East Fork Elliot Creek.
Contamination has been indicated in creek.

Wastes and Volumes

The principal pollutants at the plant are Tetryl (an explosive) in the soil at concentrations up to 6 parts per million (ppm), and mercury (7.4 parts per billion, or ppb), chromium (537 ppb), and lead (770 ppb) in the ground water beneath the site.

No documentation exists for estimation of waste volumes.

Site Assessment and Ranking

NPL LISTING HISTORY

Site HRS Score: 31.85

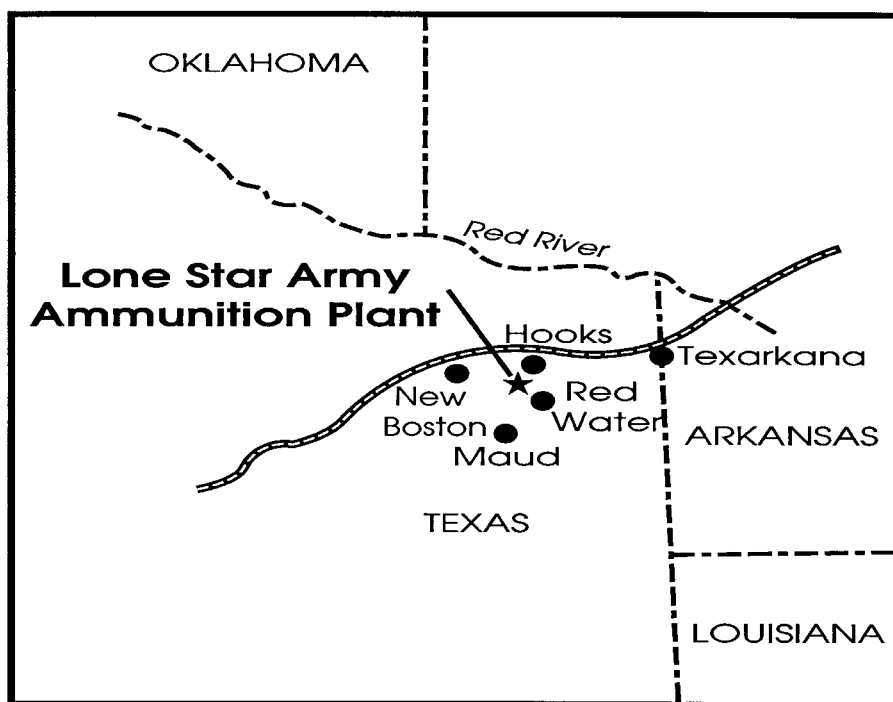
Proposed Date: 10/01/84

Final Date: 7/22/87

NPL Update: No. 2

The U.S. Army contested the HRS score based on new sampling results indicating lower concentrations of contaminants. The EPA noted that the MITRE (site assessment) model does not reflect concentrations, and did not re-score the site.

Site Map and Diagram



The Remediation Process

Site History:

The site is owned by the U.S. Army and operated by Day and Zimmerman, Inc.

The plant began operations in 1942.

Industrial operations include loading, assembling, and packaging of munitions components.

Health Considerations:

Several domestic wells located nearby. No formal accounting of wells has been taken.

Other Environmental Risks:

The East Fork Elliot Creek drains into Wright Patman Lake, a major recreational lake.

Record of Decision

A ROD for this site is anticipated in 1999

The site is currently in the Remedial Investigation/Feasibility Study (RI/FS) phases leading up to remedy selection.

Community Involvement

Community Involvement for this Federal Facility site is the responsibility of the U.S. Army.

Number of Citizens on EPA mailing list: 30

Site Repository: Texarkana Public Library

Technical Assistance Grant

Letters of Intent Received: None

Current Status: Discussions are underway with all Federal Facilities regarding formation of Site Specific Advisory Boards (SSABs) in lieu of awarding Technical Assistance Grants.

Fiscal and Program Management

Remedial Project Manager (EPA): Ruby Williams, 214-665-6733, Mail Code: 6SF-AP

State Contact: (TNRCC) Mike Moore, 512/239-2484, Mail Code 143; Diane Poteet, 512/239-2502, Mail Code 143; Lel Medford, 512/239-2440, Mail Code 144

Olivia Balandrán, 214-665-6584, Mail Cd: 6SF-P

Attorney (EPA): Mike Barra, 214-665-2143, Mail Code: 6SF-DL

State Coordinator (EPA): Shirley Workman, 214-665-8522, Mail Code: 6SF-AP

Military Contact: Roderick Sewell, LSAPP

Cost Recovery: Federal Facility

PRPs Identified: 2

Viable PRP: U.S. Army, Day and Zimmerman

An Inter-Agency Agreement has been signed by EPA, the U.S. Army, and the Texas Natural Resource Conservation Commission (TNRCC) (formerly known as Texas Water Commission) (TWC), effective September 20, 1990.

Present Status and Issues

After adding the Lone Star Army Ammunition Plant site to the National Priorities List (NPL), the EPA assessed site conditions and determined that no other immediate actions currently are necessary to protect public health and the environment.

During 1993 and 1994, it was determined that there exists an additional lower aquifer.

An additional investigation began in summer 1995 to determine the nature and extent of contamination and is ongoing. The Final Remedial Investigation/Feasibility Study (RI/FS) Plan was submitted to EPA on April 26, 1996, reviewed, and approved with comments.

The RI/FS Report was submitted to EPA on March 18, 1997 and is currently under review.

Erosion control measures are being considered. On March 11, 1997, a draft Erosion Control Plan was submitted to EPA and is currently under review.

Benefits

Fencing of the site has reduced the potential for exposure, making the site safer while it awaits further cleanup action by the Army.